

# First Colloquium of the Collaborative Research Center 1078 *Protonation Dynamics in Protein Function*

Mon, April 15, 2013 ▪ 14:30 – 19:00 ▪ Lecture Hall of the Konrad-Zuse-Zentrum at Freie Universität Berlin (Takustr. 7, 14195 Berlin-Dahlem)

## Topic: *Photosystem II*

### 14:30 **Welcome and Opening**

Holger Dau (Spokesman of the CRC 1078), Freie Universität Berlin

### 14:45 **Johannes Messinger**, Umeå University, Sweden

*On the possible role of structural dynamics in photosynthetic water oxidation*

### 15:45 Coffee break

### 16:15 **Felix Ho**, Uppsala University, Sweden

*Investigation of a proton pathway in Photosystem II through parallel in vivo mutagenesis and in silico molecular dynamics studies*

### 17:00 **Leonardo Guidoni**, University of L'Aquila, Italy

*Ab Initio Molecular Dynamics in Artificial and Natural Photosynthesis*

### 17:45 **Meet and greet** your new colleagues



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